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PTO-1082

81716.0083

Express Mail Label No. EL 713 632 098 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Shinichi ABE

Serial No: Not assigned

Filed: December 19, 2001

For: OPTICAL WAVEGUIDE AND OPTICAL CIRCUIT BASE COMPONENT



Box PATENT APPLICATION

U.S. Patent and Trademark Office

P.O. Box 2327

Arlington, VA 22202

Dear Sir:

CORRESPONDENCE ADDRESS:

☒ Customer Number

000026021



26021

PATENT TRADEMARK OFFICE

Transmitted herewith for filing is the patent application identified above.

☒ 9 sheet(s) of drawings (☒ formal ☐ informal) is(are) enclosed.☒ 32 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.An assignment of the invention to KYOCERA CORPORATION ☐ is enclosed ☒ will follow.An associate power of attorney ☐ is enclosed ☐ will follow.

Applicant claims small entity status. See 37 CFR 1.27.

Declaration and Power of Attorney ☐ is enclosed ☒ will follow.☒ A certified copy of Japanese Patent Application No. 2000-387852 filed December 20, 2000 from which priority is claimed under 35 U.S.C. § 119 is enclosed.☒ IDS enclosed (☒ with 2 reference(s)).☐ Preliminary Amendment is enclosed.☐ Application data sheet is enclosed. See 37 CFR 1.76.☒ Return postcard is enclosed.

CALCULATION OF FEES

ITEM	TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE	\$ AMOUNT	\$ FEE
A TOTAL CLAIMS FEE	19	-20	0	LG=\$18 SM=\$9	\$18	0
B INDEPENDENT CLAIMS FEE*	2	-3	0	LG=\$84 SM=\$42	\$84	0
C SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)						0
D MULTIPLE-DEPENDENT CLAIMS FEE					LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140	\$ 0
E BASIC FEE					LARGE ENTITY FEE = \$740 SMALL ENTITY FEE = \$370	\$ 740
F TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)						\$ 740
G ASSIGNMENT RECORDING FEE					\$ 40	\$ 40
*LIST INDEPENDENT CLAIMS 1 and 12						

☐ Please charge my Deposit Account No. 50-1314 the amount of \$ 0. A copy of this letter is enclosed.☐ A check in the amount of \$ 0 to cover the filing fee is enclosed.☐ A check in the amount of \$ 40.00 to cover Assignment Recordation fee is enclosed.☐ The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. **A copy of this sheet is enclosed.**☐ Any additional filing fees required under 37 C.F.R. 1.16☐ Any patent application processing fees under 37 C.F.R. 1.17Respectfully submitted,
HOGAN & HARTSON, L.L.P.

By:

Lawrence J. McClure

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Date: December 19, 2001

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Art Unit: Not assigned

Examiner: Not assigned

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Arlington, VA 22202

Dear Sir:

I hereby certify that

- ☒ two copies of a letter of transmittal
- ☒ patent application (32 page(s) of specification; 19 claim(s); 1 page(s) of abstract
- ☒ 9 sheet(s) of formal drawings
- ☒ certified copy of Japanese patent application No. 2000-387852 which was filed December 20, 2000 from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119
- ☒ Information Disclosure Statement with 2 references
- ☒ return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

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P.O. Box 2327
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Date: December 19, 2001

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Emily Cruz
Name of person mailing papers

Signature